

GRADATION ANALYSIS REPORT
N. BOCA RATON VIBRACORE 9-94
TESTED BY: MDA ON: 11-14-94

SAMPLE NO.: NBR19 S#1
SAMPLE ELEV. (FT. NGVD): -56.3
SAMPLE DEPTH (FT.): -3.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 65.33
SAMPLE WEIGHT AFTER WASH (GRAMS): 64.02

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	16.000	.00	.00	100.00
5/16	-3.0	8.000	.00	.00	100.00
5	-2.0	4.000	.00	.00	100.00
7	-1.5	2.800	.21	.32	99.68
10	-1.0	2.000	.42	.64	99.36
14	-0.5	1.400	.82	1.26	98.74
18	0.0	1.000	1.17	1.79	98.21
25	0.5	.710	1.80	2.76	97.24
35	1.0	.500	3.38	5.17	94.83
45	1.5	.355	6.09	9.32	90.68
60	2.0	.250	18.35	28.09	71.91
80	2.5	.180	43.03	65.87	34.13
120	3.0	.125	61.50	94.14	5.86
170	3.5	.090	63.91	97.83	2.17
200	3.75	.075	63.96	97.90	2.10
230	4.0	.063	64.63	98.92	1.08
PAN			65.28	99.92	.08

PHI(5): .96	PHI(16): 1.68	PHI(25): 1.92
PHI(50): 2.29	PHI(75): 2.66	PHI(84): 2.82
PHI(95): 3.12		

SIEVE LOSS(g): .05	SILT/CLAY: 2.10%
SKEWNESS: -.499	KURTOSIS: 1.186

GRAPHIC METHOD

MEAN (PHI): 2.17	SORTING: .57
MEAN (mm) : .22	MEDIAN (mm): .20

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.20	SORTING: .71
MEAN (mm) : .22	

DATA FILE NAME: A:VC19S1.TAB

GRADATION ANALYSIS REPORT
N. BOCA RATON VIBRACORE 9-94
TESTED BY: MDA ON: 11-14-94

SAMPLE NO.: NBR19 S#2
SAMPLE ELEV. (FT. NGVD): -61.3
SAMPLE DEPTH (FT.): -8.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 65.24
SAMPLE WEIGHT AFTER WASH (GRAMS): 63.73

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	16.000	.00	.00	100.00
5/16	-3.0	8.000	.00	.00	100.00
5	-2.0	4.000	.00	.00	100.00
7	-1.5	2.800	.14	.21	99.79
10	-1.0	2.000	.27	.41	99.59
14	-0.5	1.400	.42	.64	99.36
18	0.0	1.000	.54	.83	99.17
25	0.5	.710	.93	1.43	98.57
35	1.0	.500	1.98	3.03	96.97
45	1.5	.355	4.40	6.74	93.26
60	2.0	.250	17.39	26.66	73.34
80	2.5	.180	42.42	65.02	34.98
120	3.0	.125	61.55	94.34	5.66
170	3.5	.090	63.59	97.47	2.53
200	3.75	.075	63.70	97.64	2.36
230	4.0	.063	64.47	98.83	1.17
PAN			65.24	100.00	.00

PHI(5): 1.26 PHI(16): 1.73 PHI(25): 1.96
PHI(50): 2.30 PHI(75): 2.67 PHI(84): 2.82
PHI(95): 3.10

SIEVE LOSS(g): .00 SILT/CLAY: 2.36%
SKEWNESS: -.239 KURTOSIS: 1.060

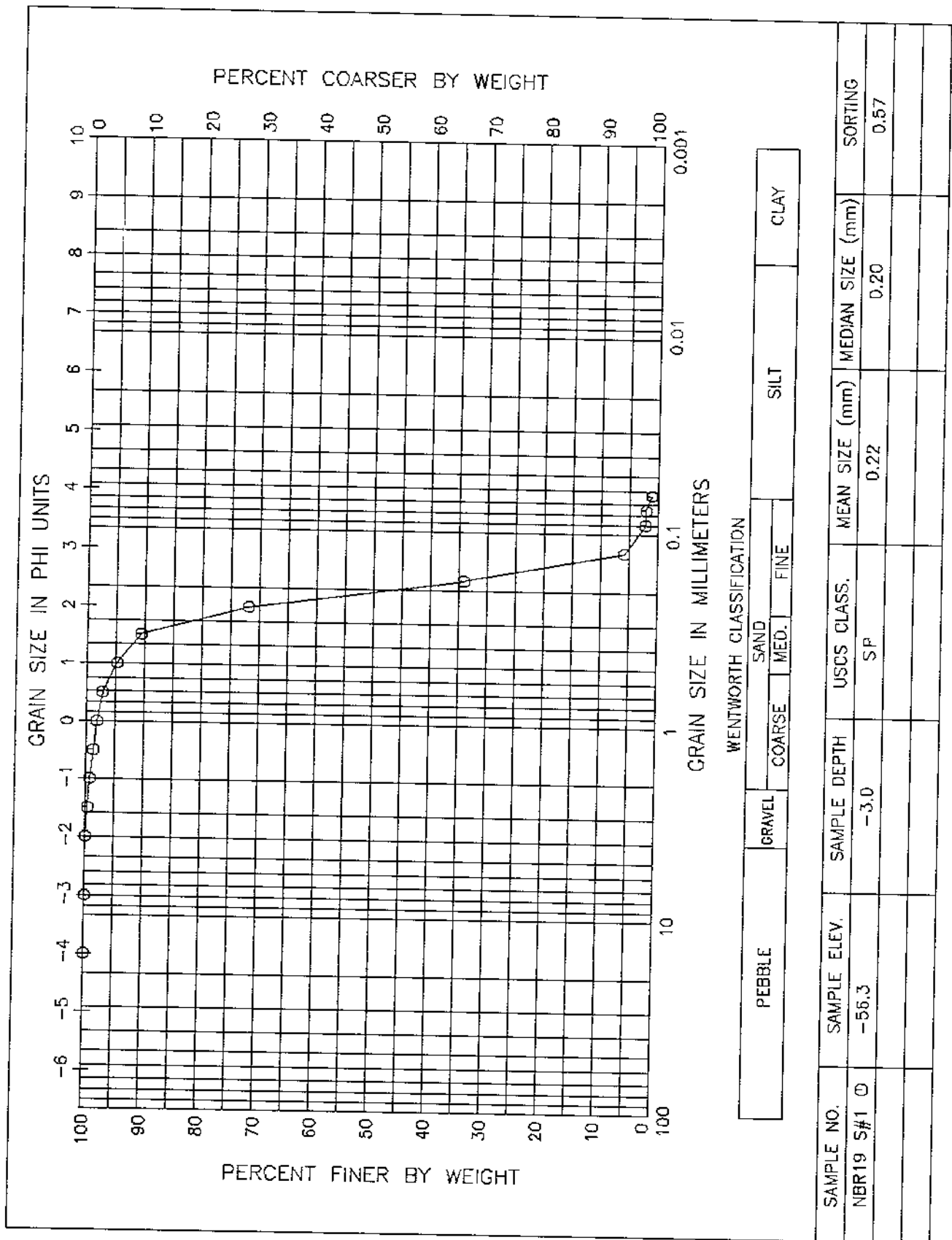
GRAPHIC METHOD

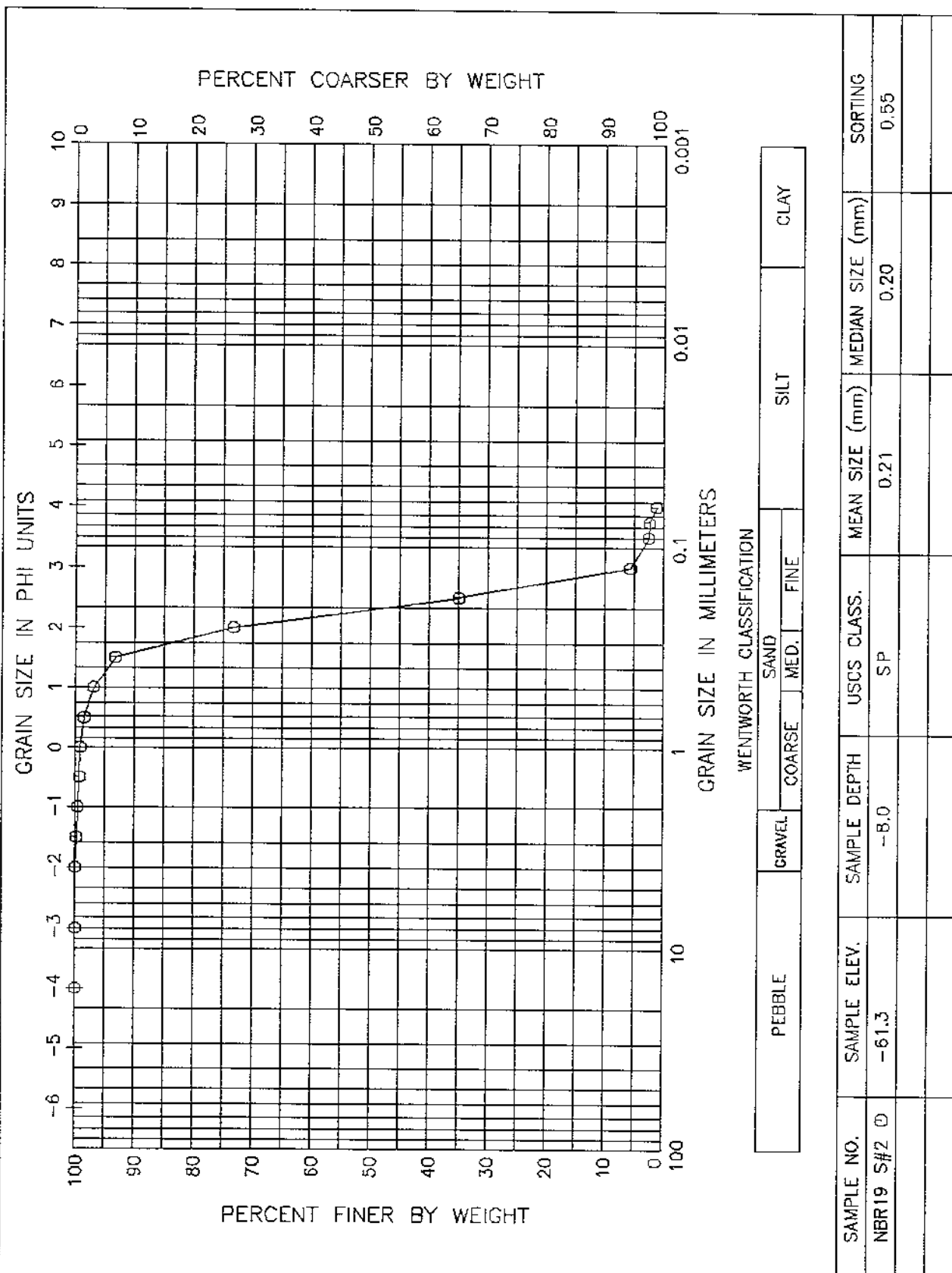
MEAN (PHI): 2.25 SORTING: .55
MEAN (mm) : .21 MEDIAN (mm): .20
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.25 SORTING: .62
MEAN (mm) : .21

DATA FILE NAME: A:VC19S#2.TAB





GRAIN SIZE DISTRIBUTION CURVE
N. BOCA RATON VIBRACORE 9-94